

Converting Colors

YUV(120.7450, -3.3253, -6.7924)

Have a look what the booklet for
YUV(120.7450, -3.3253, -6.7924)
contains.

YUV(120.7450, -3.3253, -6.7924)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(120.7450, -3.3253,
-6.7924)**

Conversions

Conversions Part 1

Format	Color
Hex	717E72
RGB	113, 126, 114
RGB Percent	44%, 49%, 45%
CMY	0.5569, 0.5059, 0.5529
CMYK	0.10, 0.00, 0.10, 0.51
HSL	125°, 5%, 47%
HSV	125°, 10%, 49%
XYZ	17.3082, 19.6473, 18.7997
YIQ	120.7450, -3.8960, -6.4880

Conversions

Conversions Part 2

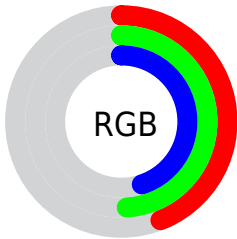
Format	Color
R_{YB}	113, 125, 126
Decimal	7437938
CIE Lab	51.44, -7.27, 4.90
CIE LCh	51, 8.766, 146.005
Yxy	19.6473, 0.3104, 0.3524
Android (android.graphics.Color)	4285628018 (0xFF717E72)
YUV	120.7450, -3.3253, -6.7924
Hunter-Lab	44.3253, -7.8685, 5.8811

Details

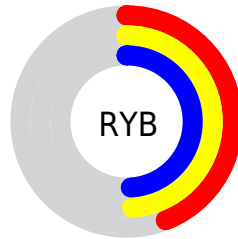
The YUV color **120.7450, -3.3253, -6.7924** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **118.2550, 3.3253, 6.7924**, and the grayscale version is **121.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **173.3320, -3.6147, -7.3072**, and **72.1580, -3.0359, -6.2776** is the 20% darker color. If you saturate the color by 10%, you get **115.4900, -6.6506, -13.5847**, and if you desaturate by 10%, it is **126.0000, 0.0000, 0.0000**.

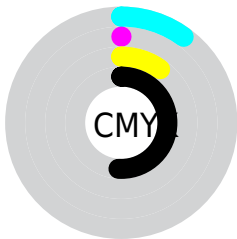
Distribution



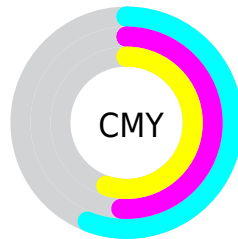
- Red (44%)
- Green (49%)
- Blue (45%)



- Red (44%)
- Yellow (49%)
- Blue (49%)



- Cyan (10%)
- Magenta (0%)
- Yellow (10%)
- Black (51%)



- Cyan (56%)
- Magenta (51%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 120.7450, -3.3253, -6.7924 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 120.7450, -3.3253, -6.7924 by changing the saturation by 10% instead.

■ 120.7450, -3.3253,
-6.7924

■ 120.7450, -3.3253,
-6.7924

■ 255.0000, 0.0000,
0.0000

■ 95.8590, -2.8885,
-6.8923

■ 173.3320, -3.6147,
-7.3072

■ 72.1580, -3.0359,
-6.2776

■ 200.3320, -3.6147,
-7.3072

■ 49.5710, -2.7465,
-5.7628

■ 228.3320, -3.6147,
-7.3072

■ 28.5710, -2.7465,
-5.7628

■ 252.2230, -1.5889,
-3.7036

■ 5.8700, -2.8939,
-5.1480

■ 0.0000, 0.0000,
0.0000

■ 120.7450, -3.3253,
-6.7924

■ 120.7450, -3.3253,
-6.7924

■ 115.4900, -6.6506,
-13.5847

■ 126.0000, 0.0000,
0.0000

■ 110.6480, -9.6865,
-19.8623

■ 130.8420, 3.0359,
6.2776

■ 105.3930,
-13.0117, -26.6547

■ 136.0970, 6.3612,
13.0699

■ 100.4370,
-16.4844, -32.8322

■ 141.0530, 9.8339,
19.2475

■ 95.2960, -19.3729,
-39.7246

■ 146.1940, 12.7224,
26.1399

■ 90.0410, -22.6982,
-46.5170

■ 151.4490, 16.0476,
32.9322

■ 85.1990, -25.7341,
-52.7945


■ 156.2910, 19.0835,
39.2098


■ 79.9440, -29.0594,

■ 161.5460, 22.4088,

-59.5869

46.0022

 75.1020, -32.0953,
-65.8645

 166.5020, 25.8815,
52.1797

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



121.6920, -6.2572, 0.2701



120.7450, -3.3253, -6.7924



120.0370, 0.4748, -12.3104

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



120.7450, -3.3253, -6.7924



121.9050, 7.4418, -6.9327



124.0510, -3.9691, 13.1103

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



120.7450, -3.3253, -6.7924



118.2550, 3.3253, 6.7924

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



124.3650, -0.1799, 11.0809



120.7450, -3.3253, -6.7924



123.3080, 6.2572, -0.2701

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



120.7450, -3.3253, -6.7924



121.0460, 6.8793, -13.1953



124.2550, 3.3253, 6.7924



123.0570, -6.4371, 11.3510

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



120.7450, -3.3253, -6.7924



120.0090, 2.9536, -14.0399



124.2550, 3.3253, 6.7924



124.3930, -2.6587, 12.8103

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



120.7450, -3.3253, -6.7924



161.0490, -1.0102, -2.6740



124.2190, -5.5310, 0.6849



80.4620, -0.7208, -2.1592



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



120.7450, -3.3253, -6.7924



155.2670, -5.0616, -9.8812



121.4290, -0.7045, -7.3922



61.2230, -1.5889, -3.7036



76.2760, -32.6741, -66.8941



0.0000, 0.0000, 0.0000

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



118.2550, 3.3253, 6.7924



151.7330, 5.0616, 9.8812



117.5710, 0.7045, 7.3922



59.7770, 1.5889, 3.7036



51.7240, 32.6741, 66.8941



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 120.7450, -3.3253, -6.7924 looks on a white background.

Color Contrast Check

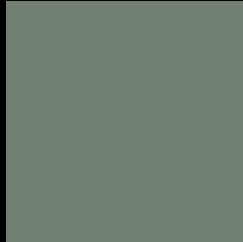
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 120.7450, -3.3253, -6.7924 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

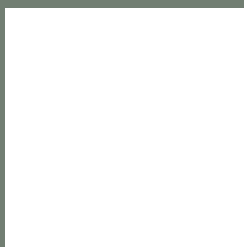
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 120.7450, -3.3253, -6.7924

Background



This preview shows how black text looks on a background with the YUV color 120.7450, -3.3253, -6.7924.



This preview shows how white text looks on a background with the YUV color 120.7450, -3.3253, -6.7924.

-6.7924.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

120.7450, -3.3253, -6.7924

Protanopia

122.3550, -5.1050, 4.0737

Deuteranopia

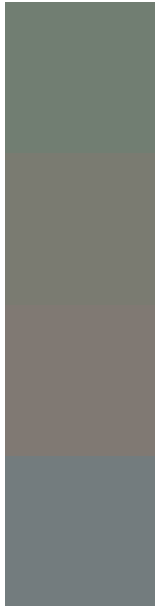
123.4530, -3.6743, 11.8807



Tritanopia

122.0470, 5.3998, -5.3032

Trichromacy



Original Color

120.7450, -3.3253, -6.7924

Protanomaly

121.5610, -4.2206, 0.3850

Deuteranomaly

122.4090, -3.6526, 4.9033

Tritanomaly

121.5370, 2.2003, -5.7329

Monochromacy



Original Color

120.7450, -3.3253, -6.7924

Achromatopsia

121.0000, 0.0000, 0.0000

Achromatomaly

120.9350, -1.4470, -2.5740

CSS Examples

Text

The CSS property to change the color of the text to YUV 120.7450, -3.3253, -6.7924 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(113, 126, 114)` looks like.

```
.text, #text, p{  
    color:rgb(113, 126, 114)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(113, 126, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 126, 114) }
```

Border

The CSS property to change the border of an element to YUV 120.7450, -3.3253, -6.7924 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(113, 126, 114) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(113, 126, 114) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(113, 126, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 126, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 126, 114);  
box-shadow:4px 4px 4px 4px rgb(113, 126,  
114) }
```

Background

The CSS property to change the background color of an element to YUV 120.7450, -3.3253, -6.7924 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 126, 114) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(113,  
126, 114) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor